



UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))



Attorney Docket No.: 3688ME-48

Inventors: Toshiaki IOI of 588-607, Osakamachi, Fushimi-ku, Kyoto-shi, Kyoto 612-8048, Japan

Express Mail Label No.: EV331291482US

Title: "PHASE DETECTION DEVICE, DIAL TYPE DETECTION DEVICE AND PHASE DETECTION METHOD"

Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing with the above-identified utility patent application, please find the following:

1. ☒ Specification (Total Pages of Text, including Abstract and Claims: 58)
2. ☒ Drawing(s) (35 USC 113) (Total Sheets: 15) ☒ FORMAL ☐ INFORMAL
3. ☒ Oath or Declaration (Total Pages: 4) ☒ Signed ☐ Unsigned
4. ☒ Assignment Papers (cover sheet & document(s))
5. ☒ Information Disclosure Statement (IDS/PTO-1449)
6. ☒ Copies of IDS Citations (Number of References: 1)
7. ☒ Return Postcard (MPEP 503) (should be specifically itemized)
8. ☒ Certified copy of Priority Document(s)
9. ☒ A check in the amount of \$918.00 is enclosed.

FEE CALCULATION:

| | (COL. 1) NO. FILED | | | (COL. 2*) NO. EXTRA | SMALL ENTITY | | | LARGE ENTITY | |
|--|-----------------------|---|----|------------------------|--------------|----------|----|--------------|----------|
| | | | | | RATE | FEE | | RATE | FEE |
| BASIC FEE: | | | | | | \$375.00 | OR | | \$750.00 |
| TOTAL CLAIMS: | 7 | - | 20 | 0 | X \$9 = | | OR | X \$18 = | \$0.00 |
| INDEP. CLAIMS: | 5 | - | 3 | 2 | X \$42 = | | OR | X \$84 = | \$168.00 |
| MULTIPLE DEPENDENT CLAIMS | | | | | + \$140 = | | OR | +\$280 = | \$0.00 |
| *IF THE DIFFERENCE IN COL. 2 IS LESS THAN ZERO, ENTER "0" IN COL. 2. | | | | | TOTAL: | | | | \$918.00 |

OTHER INFORMATION:

1. ☒ The Commissioner is hereby authorized to debit any underpayments or credit any overpayment to Deposit Account No. 19-1970.
2. ☒ The Commissioner is hereby authorized to charge all required fees for extensions of time under §1.17 to Deposit Account No. 19-1970.
3. ☒ Foreign Priority benefits are claimed under 35 USC §119 of Japanese Patent Application Serial No. 2002-275710 filed September 20, 2002.

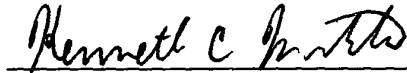
4. ☒ Correspondence Address:

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5. ☒ Customer No: **22442**

Respectfully Submitted,

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Date: Sept. 19, 2003